

## Region 1 2015 “Volunteers Working with Invasives” Proposal Format

**National Wildlife Refuge(s):** O‘ahu Forest National Wildlife Refuge (OFNWR)

**Name of Project:** Hunter outreach and volunteer program

**Contact Person(s):** Jason Hanley, Jason\_hanley@fws.gov

**Total amount requested:** \$15,000

**Project Description (20 Points):** Feral pigs are a severe threat to the OFNWR. Pig rooting and wallowing damages sensitive stream habitats, destroys rare species, and significantly alters native species communities, accelerating weed invasions. Funds will be used to organize and vet volunteer hunters, establish communication and safety protocols, and lead volunteer hunting and monitoring trips.

**Invasive Species Inventory, Surveillance, and/or Monitoring:** Volunteer program coordinators and participants will scope and map priority target areas in the OFNWR, and will develop a data collection and management scheme. Appropriate monitoring methods (e.g., game cameras, transects, photopoints) will be selected after site scoping, and deployed to assess program impact.

**Friends Groups and other Volunteers (10 Points):** A key Refuge partner, the Ko‘olau Mountains Watershed Partnership (KMWP), is developing a plan to address highly invasive feral ungulates in OFNWR and other partner lands. *Invasive Species Management with Volunteers* funds will serve as seed money to raise matching funds for a more comprehensive ungulate management effort in OFNWR and elsewhere in the Ko‘olau Range.

**Other Partners (10 Points):** Program coordinators will attend O‘ahu Pig Hunters Association meetings and actively seek hunter/hiker partners elsewhere in the community. KMWP is already working with Kualoa Ranch and Kamehameha Schools to control ungulates within the partnership area with staff hunts. The *Invasive Species Management with Volunteers* program at OFNWR will be used to develop a repeatable model for partnering with volunteers. It is expected that as the program develops, more landowners in the partnership will participate, providing more opportunities for mutually beneficial efforts for land managers and sportsmen.

**Criteria for Project Success (10 Points):** Attend/host at least 6 meetings for hunter outreach/information exchange; Perform 20 monitoring and pig control trips; Incorporate lessons learned into a repeatable model; create powerpoint presentation for hunters and land managers interested in similar work elsewhere in the partnership area.

**Budget:**

Salary/fringe	9,392
Garmin DC320 receiver (2)	1,200
Garmin Astro DC-40 Dog Tracking GPS Collar (6)	1,500
Other (fuel, printing, shipping)	1,200
Indirect	1,708

15,000

\*Salaries and fringe are requested for ~26 staff hours/month to support work with volunteers: outreach, coordination and hunt trips.